SONY

VGN-S460P/B

VAIO® S Series Notebook PC

High-Powered Mobile Performance.

REMARKABLY SLIM AND LIGHTWEIGHT TOOL FOR THE MOBILE USER.

The VAIO® S Series Notebook PC employs cutting-edge notebook technologies and a highly mobile design. It offers integrated wireless LAN[3] , an exceptional 13.3" widescreen display with XBRITE™ LCD technology, and a generous keyboard in a 4.3 lb. form factor. The VAIO® S Notebook is the portrait of sleek, contemporary style.

EXCEPTIONAL DISPLAY TECHNOLOGIES.

The VAIO® S Notebook features a 13.3" widescreen display with Sony's original XBRITE™ LCD technology for higher brightness levels than standard displays. The result: deeper blacks, brighter whites, true-to-life color and razor-sharp detail. Smart Display Sensor makes connecting to a compatible external projector or display easy and worry-free. It automatically senses and selects the appropriate input for your external device and adjusts optimized resolution.

UTILIZE CUTTING-EDGE NOTEBOOK TECHNOLOGIES..

The VAIO® S Notebook has a 5400rpm Serial ATA hard drive, advanced DDR2 memory, 533MHz Front Side Bus, Intel® Pentium M processor and 915 chipset work together to provide impressive application performance and processor speed. The nVIDIA® GeForce™ Go 6200 graphics chip with Turbo Cache™ technology delivers turbo-charged graphics performance, excptional DVD viewing and optimized use of the latest multimedia applications.

ENJOY MOBILE MULTIMEDIA ENTERTAINMENT.

The VAIO® S Notebook allows you to create dynamic presentations, view movies with stunning clarity and create and manage your multimedia files with ease. With DVD+R Double Layer/ DVD±RW[4] drive and Click to DVD™ software you can easily create high-quality, customized DVDs. Manage your music files and make audio CDs using SonicStage® software. And PictureGear Studio™ software simplifies digital photo management and sharing.

The VAIO® S Notebook is highly-mobile with a slim, lightweight design, integrated wireless LAN[3] , cutting-edge notebook technologies, and durable magnesium casing. And, with the impressive 13.3" widescreen display with XBRITE™ technology and a suite of Sony's original multimedia software, you have the tools you need for work and entertainment on-the-go.

MEMORY STICK PRO™

MEMORY STICK®

SonicStage

Click to DVD

XBRITE™

Microsoft Windows XP Professional

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VAIO® S Series Notebook PC

Hardware

Processor
Intel® Pentium® M Processor 740
(1.73GHz[1] , 2MB L2 cache)

Front Side Bus Speed
533MHz

Chipset
Intel® 915PM

LCD
13.3" WXGA with XBRITE™ Technology (1280x800)

Integrated Wireless LAN
Intel® PRO/Wireless 2200BG Network Connection (802.11b/g)[3]

Hard Drive
80GB[2] 5400rpm Serial ATA

Memory
512MB PC-3200 400MHz DDR2 (256MB x 2)
(Expandable to 2GB)

Graphics
NVIDIA® GeForce™ Go 6200 with TurboCache™ supporting 128MB
(NVIDIA® TurboCache™ technology combines the size and bandwidth of video memory and dynamically available system memory for optimal system performance.)

Graphics Interface
VGA out w/ Smart Display Sensor

Optical Drive
DVD+R Double Layer/DVD±RW Drive[4]
DVD+R DL Write (2.4x MAX)
DVD±RW Drive[4]
+RW
DVD+R Write (4x MAX), DVD+RW Write (2.4x MAX)
-RW
DVD-R Write (4x MAX), DVD-RW Write (2x MAX)
CD-RW
CD-R Write (24x MAX); CD-RW Write (10x MAX)
DVD Read (8x MAX); CD Read (24x MAX)

Modem
Integrated V.90 Modem with RJ-11 interface

Ethernet
10BASE-T/100BASE-TX Ethernet with RJ-45 interface

Audio
Windows® sound system compatible, Built-in stereo speakers

Audio Interface
Monaural mini microphone jack, Stereo mini headphone jack

Memory Stick® Media Slot
Supports optional Memory Stick, Memory Stick PRO™ [5]

PC Card Slots
One PCMCIA - Type II/Type I card slot with CardBus support

Other Interfaces
One 4pin i.LINK®[6] connector(IEEE 1394), 2 USB 2.0 ports, port replicator connector

Optional Port Replicator
3 USB 2.0, Ethernet, VGA, DVI-D, printer, DC in

Optional Floppy Drive
External 1.44 MB, 3.5" USB floppy drive (VGP-UFD1)

Pointing Device
Electro-Static touch pad

Keyboard
QWERTY, 82 keys with 2mm stroke and 18.05mm pitch

Action Buttons
S1, S2 (programmable), WLAN on/off

Power Requirements
105W+10%

Battery
Lithium-ion Battery (VGP-BPS2)

Estimated Battery Life
Standard Battery: 1.5 - 3.0 hours[7]

Weight
4.3 lbs. with standard battery (weight is approximate and may vary)

Dimensions
12.3"(W) x 1.18"-1.39"(H) x 8.85"(D)

Color
Black

Supplied Accessories
Standard Lithium-ion battery (VGP-BPS2)
AC adapter (VGP-AC19V10)
Power cord

Optional Accessories
Additional Battery (VGP-BPS2)
Large Capacity Battery (VGP-BPL2)
Port Replicator (VGP-PRS2)
AC Adapter (VGP-AC19V10)
Visual Communication Camera (PCGA-UVC11A)
Slim Carrying Case (PCGA-CCB2)
Notebook Briefase (PCGA-CCV)
Notebook Backpack (PCGA-CCP3)
Neoprene notebook and AC adapter cases (VGP-AMC1)
Wireless optical mouse (PCGA-WMS5/S)
USB Mobile Mouse- Black (PCGA-UMS3/B)
USB Mobile Mouse- Silver (PCGA-UMS3/S)
Memory Card Adapter (VGP-MCA10)[8]
512MB memory expansion module (VGP-MM512L)
60GB External Hard Drive (PCGA-HDM06)[2]
External Floppy Disk Drive (VGP-UFD1)

Software

Operating System
Microsoft® Windows® XP Professional with Service Pack 2

Sony Original Software
VAIO Zone™ with WinDVD™
Click to DVD™ - DVD Creation
DVGate Plus™ - Digital Video
SonicStage® - Digital Music
PictureGear Studio™ - Digital Photo
VAIO Media™ - Network File Sharing

Other Software Applications
InterVideo® WinDVD®
Intuit Quicken® 2005 New User Edition (Previous Quicken users may require upgrade.)
Microsoft® Works 8.0 - Word Processing, Spreadsheet, Calendar, Scheduling, Contact Management, and Database
Microsoft® Office® 2003 60-Day Trial Small Business Edition
Sonic Record Now!® 7

Anti-Virus and Recovery Software
Norton® Internet Security™ 90-Day Subscription - Norton AntiVirus®, Norton Personal Firewall, Norton Privacy Control, Norton AntiSpam®, Norton Parental Control
Intermute™ SpySubtract™ 30-Day Trial
VAIO® Update software
VAIO® Recovery Wizard software
VAIO® Control Center

Internet Services
AOL Online™ 90-Day Trial - New Users Only

Service and Warranty

Limited Warranty
1 Year Limited Warranty[9]

Telephone Support
1 year toll-free technical telephone assistance, available 24-hours, 7-days-a-week[10] .

Online and Email Support
Support available from http://www.sony.com/pcsupport

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires compatible wireless LAN access point, sold separately. Internet con-nection may require fees.
4. DVD Media/Formats are not universally compatible.
5. Supports Memory Stick PRO™ high-capacity media. Does not support MagicGate™ functionality.
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Estimated battery life. Actual battery life may vary on usage.
8. Does not support Memory Stick® media and Memory Stick PRO™ media using the MagicGate™ function. Supports memory cards with capacities up to 1GB. Does not support 5.0V SmartMedia media or the ID function of SmartMedia media with IDs. Does not support the SD Memory Card media copyright prtection function. This adapter has been tested with only Sony® branded Memory Stick PRO™ media. Sony® branded Memory Stick PRO™ media is recommended for use with this adapter.
9. See actual limited warranty for details. For a copy of Sony's warranty, please visitwww.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
10. For certain third party software applications, Sony provides first level Phone Support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Preinstalled software may not be identical to retail versions or have all documentation. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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